

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 26, 2004 under "EXPRESS MAIL" mailing label number EL 99443 5578 US.

*Janet M. Stevens*

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Transmitted herewith for filing is the patent application of:

Inventor 1: Jerome S. Culik  
Address: 2219 Buck Rub Drive, Nottingham, PA 19362

Inventor 2: Shawn P. Riley  
Address: 111 Edgewood Road, Wilmington, DE 19803-4510

Inventor 3: Frank R. Faller  
Address: 2 Roberts Rd., Newark, DE 19713

Inventor 4: Kevin W. Allison  
Address: 903 Barley Ct., Landenberg, PA 19350

**TITLE:** METHOD AND APPARATUS FOR APPLYING CONDUCTIVE INK  
ONTO SEMICONDUCTOR SUBSTRATES

**1. Type of Application**

This is a request for filing a **CONTINUATION APPLICATION** under 37 C.F.R. §1.53(b), of pending prior application International Application No. PCT/US02/23731, having an international filing date of July 26, 2002, entitled METHOD AND APPARATUS FOR APPLYING CONDUCTIVE INK ONTO SEMICONDUCTOR SUBSTRATES, which designated the United States.

**2. Papers Enclosed**

**A. Required for filing date under 37 CFR 1.53(b) (Regular) are:**

31 Page(s) of Specification  
17 Page(s) of Claims  
1 Page(s) of Abstract  
5 Sheets of Formal Drawings (Figs. 1-9) ..

22387 U.S. PTO  
10/764817



**B. Other Papers Enclosed**

- ☒ A Patent Application Bibliographic Data Sheet  
☒ A Preliminary Amendment

**C. Additional Papers to Follow Under Separate Cover**

- ☒ A Declaration and Power of Attorney  
☒ A Submission of Certified Copy of Priority Document and a certified copy of:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
US	60/308,378	July 27, 2001
US	60/338,353	December 6, 2001

- ☒ Information Disclosure Statement  
☒ Form PTO-1449  
☒ An Assignment Transmittal and Assignment of the invention to:

ASTROPOWER, INC.  
 100 Pencader Drive  
 Newark, DE 19702-3316

**3. The correspondence address for this application is:** Customer No. 025191

Telephone: (315) 233-8300  
 Facsimile: (315) 233-8320

Electronic Mail: [Ivanantwerp@burrandbrown.com](mailto:Ivanantwerp@burrandbrown.com)

**4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)**

[ ] Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

[ ] Applicants hereby request that the attached application **not be** published under 35 U.S.C. 122(b).

**5. Relate Back****A. 35 U.S.C. 119(e)**

☒ Priority of provisional application Serial No. 60/308,378 filed July 27, 2001, and provisional application Serial No. 60/338,353 filed December 6, 2001 is hereby claimed under 35 U.S.C. §119(e).

☒ Certified copies of the above corresponding provisional applications will follow under separate cover.

**B. 35 U.S.C. 120, 121 and 365(c)**

☒ Priority of said prior application(s) is hereby claimed under 35 U.S.C. §120.

<u>Application Number</u>	<u>Filing Date</u>	<u>Relationship</u>
PCT/US02/23731	July 26, 2002	Parent

**C. 35 U.S.C. 119 Priority Claim for Prior Application**

☐ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
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☐ A certified copy of the above corresponding foreign application is filed herewith.

☐ A certified copy of the above corresponding foreign application will follow under separate cover.

**6. The filing fee has been calculated as shown below:**

<b>Basic Filing fee</b> (37 CFR §1.16(a))				\$	770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	22 - 20 =	2	× \$ 18.00	\$	36.00
Independent Claims	3 - 3 =	2	× \$ 84.00	\$	.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$	.00
<b>Surcharge fees</b> (37 C.F.R. 1.16(c)--\$130.00)				\$	130.00
<input checked="" type="checkbox"/> late payment of filing fee <i>and/or</i>					
<input checked="" type="checkbox"/> late filing of original declaration or oath					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	936.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	468.00
<b>SUBTOTAL =</b>				\$	468.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)--\$130.00)				\$	.00
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h)--\$40.00)				\$	40.00
<b>TOTAL FEES DUE =</b>				\$	508.00

**7. Payment of Fees and Authorization to Charge Additional Fees  
or Credit Overpayment**

- ☐ A check in the amount of is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Kevin C. Brown  
Reg. No. 32,402

January 26, 2004

Date

KCB:jms

BURR & BROWN  
P.O. Box 7068  
Syracuse, NY 13261-7068

Customer No.: 025191  
Telephone: (315) 233-8300  
Facsimile: (315) 233-8320